PATENT ABSTRACTS OF JAPAN

(11) Publication number:

2000342524 A

(43) Date of publication of application: 12.12.2000

(51) Int. Cl

A61B 1/00

A61B 5/07, G02B 23/24

(21) Application number:

11160029

(22) Date of filing:

07.06.1999

(54) SWALLOW TYPE ENDOSCOPIC DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To lessen the pain on a testee by varying the length of curving parts which are curvilinearly manipulratable by radio manipulation at both ends of an endoscope body consisting of a bar-like body containing an illumination means, an observation means, a signal transmission means for radio transmission of observation images and a power source supply means.

SOLUTION: First and second curvilinear drive parts 13 and 15 are curvable around a flexible part 14 as a base part. The langth of a second curving part 15 is made longer than the length of a first curving part 13. The power source supply means executes power supply by utilizing microwaves. The illumination light

(71) Applicant: ASAHI OPTICAL CO LTD

(72) Inventor: OUCHITERUO

which obtains electric powder via a signal line 20 from the power source supply means 14c is supplied to illumination windows of a first and a second rigid parts 12 and 16. The image of a subject is formed on an image pickup surface of a CCD 17b by an objective optical system 17a and the image signal is amplified in an amplifier circuit 14a, and is transmitted from a signal reception/transmission means 14b. A curving manipulation section of an external apparatus is manipulated and a selective heating means 22 is manipulated by a manipulation signal transmitted from an extracorporeal signal transmission section to curve the first or second curvilinear drive part 13 or 15.

СОРУЯІСНТ: (С)2000, ЈРО

